

**COUNTY OF SAN LUIS OBISPO BOARD OF SUPERVISORS
AGENDA ITEM TRANSMITTAL**

(1) DEPARTMENT Information Technology	(2) MEETING DATE 9/18/2012	(3) CONTACT/PHONE Guy Savage, Deputy Director-Information Technology (805) 781-5200 Paavo Ogren, Director of Public Works (805) 781-5252	
(4) SUBJECT Sitting as the Board of Supervisors and the Flood Control District: Submittal of a Memorandum of Understanding (MOU) for the fiber optic communication element of the Nacimiento Water Project between the San Luis Obispo County Flood Control and Water Conservation District and the County of San Luis Obispo.			
(5) RECOMMENDED ACTION It is recommended that the Board : 1. Acting as the Board of Supervisors of the County of San Luis Obispo approve the attached MOU and instruct the Chairperson to sign. 2. Acting as the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District approve the attached MOU and instruct the Chairperson to sign.			
(6) FUNDING SOURCE(S) N/A	(7) CURRENT YEAR FINANCIAL IMPACT \$15,000	(8) ANNUAL FINANCIAL IMPACT \$15,000	(9) BUDGETED? yes
(10) AGENDA PLACEMENT <input checked="" type="checkbox"/> Consent <input type="checkbox"/> Presentation (Time Est. _____) <input type="checkbox"/> Hearing (Time Est. _____) <input type="checkbox"/> Board Business			
(11) EXECUTED DOCUMENTS <input type="checkbox"/> Resolutions <input checked="" type="checkbox"/> Contracts <input type="checkbox"/> Ordinances <input type="checkbox"/> N/A		(12) BUDGET ADJUSTMENT REQUIRED? BAR ID Number: N/A <input checked="" type="checkbox"/> 4/5th's Vote Required <input type="checkbox"/> N/A	
(13) OUTLINE AGREEMENT REQUISITION NUMBER (OAR) N/A		(14) W-9 <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
(15) LOCATION MAP N/A	(16) BUSINESS IMPACT STATEMENT? No	(17) AGENDA ITEM HISTORY <input checked="" type="checkbox"/> N/A Date _____	
(18) ADMINISTRATIVE OFFICE REVIEW			
(19) SUPERVISOR DISTRICT(S) All Districts -			

County of San Luis Obispo



TO: Board of Supervisors

FROM: Information Technology / Guy Savage, Deputy Director-Information Technology (805) 781-5200
Paavo Ogren, Director of Public Works (805) 781-5252

DATE: 9/18/2012

SUBJECT: Memorandum of Understanding (MOU) for the fiber optic communication element of the Nacimiento Water Project between the San Luis Obispo County Flood Control and Water Conservation District and the County of San Luis Obispo.

RECOMMENDATION

It is recommended that the Board:

1. Acting as the Board of Supervisors of the County of San Luis Obispo approve the attached MOU and instruct the Chairperson to sign
2. Acting as the Board of Supervisors of the San Luis Obispo County Flood Control and Water Conservation District approve the attached MOU and instruct the Chairperson to sign.

DISCUSSION

The attached MOU between the San Luis Obispo County Flood Control and Water Conservation District (District) and the County of San Luis Obispo (County) defines usage, rights and authority, access, and cost-sharing approaches to the joint-use of the fiber optic communications element associated with the District's Nacimiento Water Project (NWP). The MOU details how the District and County will cooperate in the operations, maintenance, and replacement of the shared fiber optic system.

The NWP conveys up to 15,750 acre feet of water per year from Lake Nacimiento to local water agencies within the San Luis Obispo County Flood Control and Water Conservation District's (District) boundaries. The NWP consists of 45 miles of pipeline, with storage tanks, pump stations, communications infrastructure, and appurtenant facilities.

Beginning in 2006, General Services Agency – Information Technology and NWP staff met to discuss possible benefits should the NWP use a fiber optic backbone for its communications needs. During those discussions, it was determined that significant public benefit could be obtained if 96 strands of fiber optics were installed as part of the project. The strands would create needed communications backbones for both the District and the County. The District would have sole use of 24 strands of fiber and the County would use and manage the remaining 72 strands. The discussions in 2006 also led to agreement that a spare conduit should be installed. Throughout the NWP construction phase, the County paid \$632,000 in NWP construction related costs from franchise revenues received from Charter Communications. These costs included a pro rata share (72/96th) of the fiber optic related costs and 50% of spare conduit construction related costs. As part of the construction, six County access locations (two in Paso Robles, one in Templeton, two in Atascadero, and one in San Luis Obispo) were identified. These access locations will be used by the County to connect to and expand the County's fiber optic network.

With the completion of the construction phase of the NWP in 2011, it is time for the District and the County to formalize how the on-going operations, maintenance, and replacements of shared components will be managed.

OTHER AGENCY INVOLVEMENT/IMPACT

Public Works staff was involved in the development of the MOU. County Counsel has reviewed and approved the MOU as to form and legal effect. The Nacimiento Commission endorsed the MOU at their meeting of August 23, 2012.

FINANCIAL CONSIDERATIONS

Signing the MOU will result in no costs to the County. In general, the annual maintenance costs associated with the fiber optic lines are anticipated to be minimal. Maintenance needs and the resulting costs related to the fiber optic lines and infrastructure will likely be based upon the need to address accidental damage to the fiber infrastructure. Approximately \$15,000 to address fiber maintenance needs is budgeted for in Fund Center 114 – Information Technology.

RESULTS

Approval of the attached MOU between the County and the San Luis Obispo County Flood Control and Water Conservation District will:

- Clarify ownership of the Nacimiento Water Project fiber optic communication element.
- Establish a cost-sharing mechanism for on-going maintenance of the Nacimiento Water Project fiber optic communication element.
- Define access points to the Nacimiento Water Project fiber optic communication element for the County of San Luis Obispo.
- Allow for the connection to and expansion of the Nacimiento Water Project fiber optic communication element for the County of San Luis Obispo's benefit.

ATTACHMENTS

1. Attachment 1 - Memorandum of Understanding